

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 G06T11/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G06T

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, INSPEC, COMPENDEX

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>SUBBARAO P M V ET AL: "Performance of iterative tomographic algorithms applied to non-destructive evaluation with limited data"</p> <p>NDT &amp; E INTERNATIONAL, BUTTERWORTH-HEINEMANN, OXFORD,, GB, vol. 30, no. 6, December 1997 (1997-12), pages 359-370, XP004292533 ISSN: 0963-8695 abstract page 359, right-hand column, line 5 - page 360, right-hand column, line 2 page 361, left-hand column, line 17 - page 363, right-hand column, line 7</p> <p style="text-align: center;">----- -/--</p>	1-4, 6-9

☒ Further documents are listed in the continuation of box C.

☐ Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the International filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the International filing date but later than the priority date claimed

- \*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the international search

19 January 2005

Date of mailing of the international search report

26/01/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Klemencic, A

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>HERMAN G T ET AL: "ALGEBRAIC RECONSTRUCTION TECHNIQUES CAN BE MADE COMPUTATIONALLY EFFICIENT"</p> <p>IEEE TRANSACTIONS ON MEDICAL IMAGING, IEEE INC. NEW YORK, US, vol. 12, no. 3, 1 September 1993 (1993-09-01), pages 600-609, XP000412338</p> <p>ISSN: 0278-0062</p> <p>abstract</p> <p>page 601, left-hand column, line 14 - page 602, left-hand column, last line</p> <p>-----</p>	1-4,6-9
X	<p>MUELLER K ET AL: "RAPID 3-D CONE-BEAM RECONSTRUCTION WITH THE SIMULTANEOUS ALGEBRAIC RECONSTRUCTION TECHNIQUE (SART) USING 2-D TEXTURE MAPPING HARDWARE"</p> <p>IEEE TRANSACTIONS ON MEDICAL IMAGING, IEEE INC. NEW YORK, US, vol. 19, no. 12, 1 December 2000 (2000-12-01), pages 1227-1237, XP001003263</p> <p>ISSN: 0278-0062</p> <p>abstract</p> <p>page 1228, right-hand column, line 8 - page 1229, left-hand column, line 24</p> <p>-----</p>	1-4,6-9
X	<p>SCHMIDLIN P ET AL: "Computation of high overrelaxation parameters in iterative image reconstruction"</p> <p>IEEE TRANSACTIONS ON NUCLEAR SCIENCE, IEEE INC. NEW YORK, US, vol. 45, no. 3, pt 4, June 1998 (1998-06), pages 1737-1742, XP002133984</p> <p>ISSN: 0018-9499</p> <p>abstract</p> <p>Section I. Introduction</p> <p>-----</p>	1-4,6-9
X	<p>MING JIANG ET AL INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS: "Convergence of the simultaneous algebraic reconstruction technique (SART)"</p> <p>CONFERENCE RECORD OF THE 35TH. ASILOMAR CONFERENCE ON SIGNALS, SYSTEMS, &amp; COMPUTERS. PACIFIC GROOVE, CA, NOV. 4 - 7, 2001, ASILOMAR CONFERENCE ON SIGNALS, SYSTEMS AND COMPUTERS, NEW YORK, NY : IEEE, US, vol. VOL. 1 OF 2. CONF. 35, 4 November 2001 (2001-11-04), pages 360-364, XP010580947</p> <p>ISBN: 0-7803-7147-X</p> <p>abstract</p> <p>Sections 2. Preliminaries and 3. Properties of the SART</p> <p>-----</p>	1-4,6-9